Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Wednesday 20 Oct 2021 until 23:59 on Thursday 21 Oct 2021

Forecast Issued on Wednesday 20 Oct 2021 at 03:37

Confidence: Low for timings of rainfall on Wednesday but high for a change to colder and brighter weather for Thursday. Some uncertainty in timing of rain moving into the UK later Saturday.

Headline for Wednesday 20 Oct 2021: Dry start then some rain for a spell. Windy, turning colder.

Mountain weather hazards on Wednesday 20 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain	Heavy Rain	Cloudy	Cloudy	Cloudy
Precipitation probability					
20%	30%	70%	70%	50%	50%

Forecast for Wednesday 20 Oct 2021

Weather: A dry and bright start, but cloud and rain will spread east in the morning, turning heavy for a time with small risk of thunder then clearing in the afternoon. Brightening up towards the end of the day then clear spells and scattered showers in the evening, merging to a longer spells of rain towards midnight.

Chance of cloud free mountain/hill tops above 600m: 90% early and late but reducing to 40% for a few hours during the day.

Visibility: Mostly good air clarity but areas of cloud will lower onto the tops as rain arrives, bases typically 600 or 700m with lower patches, then lifting off the summits again in the afternoon. Low cloud returning to tops late in the evening.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Wednesday 20 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 W	15/19 W	12/17 W	16/23 W	16/24 W	16/25 W	18/27 NW
300	9/25 W	8/16 W	8/15 W	11/22 W	8/21 W	10/24 W	12/25 NW
Valley	3/18 SW	5/13 W	7/14 W	8/18 W	6/18 W	7/21 W	14/29 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/2	7/3	7/3	6/1	5/0	5/1	4/-2
300	8/6	10/8	9/7	8/5	7/4	7/4	6/2
Valley	8/8	10/10	10/9	10/8	8/7	8/6	7/4
Freezing Level*	1400m	1500m	1500m	1200m	1300m	1200m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Be prepared for some rain but also temperatures lowering and winds strengthening through the day with wind chill becoming increasingly significant on the tops.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 20 Oct 2021	13.4mm	18.4mm	29.4mm

Forecast for Thursday 21 Oct 2021

Weather: Mainly dry with long clear or sunny spells but feeling very cold in the strong northwesterly winds. The odd shower is possible, wintry above 600m, becoming more widespread by evening.

Maximum wind: Northwest 20-30mph, gusts 45mph.

Chance of cloud free mountain/hill tops above 600m: 90%.

Visibility: Excellent air clarity. Brief reductions in showers with a little summit cloud at times.

Temperature: **Valleys:** Plus 6 Celsius rising to 8 or 9 Celsius.
At 600m: Plus 1 Celsius rising to 4 Celsius.
Freezing level: 600m rising to 900m.

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